

## Chiral symmetry at high energies

I will present two new applications of effective field theory.

The first one is the predictions of chiral logarithms for processes at high energy with so-called hard pion Chiral perturbation theory. This allows e.g. to make predictions for the light quark mass dependence of semileptonic form-factors in heavy quark decays also away from the endpoint [arXiv:0906.0302, 1006.1197, 1011.6531, 1109.5033]

The second application is an extension of chiral perturbation theory methods to effective field theories with a different pattern of global symmetry breaking. These results are expected to be useful for lattice studies of technicolour related theories. [arXiv:0910.5424, 1102.0172, 1111.1886]

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